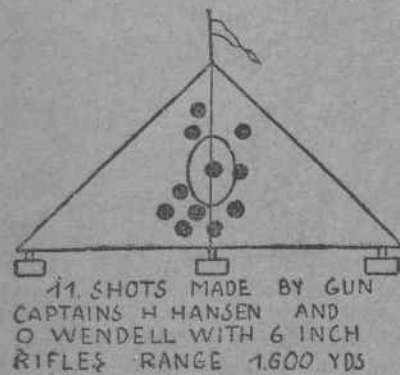


BULL'S-EYES MADE WITH BIG GUNS.



Uncle Sam's Navy Has Many Expert Shots with Heavy Cannon.

IS DIFFICULT SHOOTING.

Freudendorf Is Champion, but O'Keefe Is Best When the Vessel Is Under Way.

A private circular sent out by the Navy Department to the commanders of all war ships shows that never in the history of the country were there so many good gunners in the American Navy as at the present time. The actual work of many of the gun crews has been exhibited, along with the circular, in fac-simile targets. The showings made are regarded, in many instances, as little short of marvellous.

Gunner J. A. Callan, firing a 6-inch gun on the cruiser Philadelphia, placed five

minutes' time, planted five shots in the bullseye of the target on a 1,800 yards range. Not only was the accuracy of this man remarkable, but the time in which the shooting was done has not yet been beaten. Five shots, it is claimed, have been fired from a 5-inch gun in 17 seconds, but they were not aimed shots.

Freudendorf did his great shooting while the Detroit was at anchor. For first place in moving practice, though, he did not equal Gun Captain O'Keefe, of the Philadelphia. The latter holds first place in the navy for shooting while under way. Gunners Horn and Abblar, it should be noted, are tied with O'Keefe in all but a slight shade of rapidity.

The Navy Department circular mentions for special worth the names of ninety gun captains. These men are scattered throughout the navy. The greatest number on any one ship are on the Philadelphia. That vessel is rated the best gunnery ship of the United States. Of the twelve gun captains on the Philadelphia, every man is a sharpshooter.

Next to the Philadelphia comes the cruiser Detroit, then the Bennington. In order, the Machias, Montgomery, Maine, Alert, Monadnock, Boston, Yorktown, Castine, Machias, Minneapolis, etc.

In moving practice the Philadelphia again heads the list, and is followed in order by the San Francisco, Amphitrite, Bennington, Detroit, Essex, Yorktown, Castine, Machias, Minneapolis, etc.

In the practice of the secondary guns, which are the six-pounders and one-pounders, the Monterey leads all vessels of the navy. The Machias is well up on the list. In boat gun work the men of the Alert are rated the best in the navy.

The Philadelphia's all-round showing was probably never equalled by any war ship afloat. The proficiency of the entire battery is set down at 90 per cent. By that it should be known that 90 per cent of all shots fired can be expected to land in the target. When it is remembered that the target presented by the hull of an enemy's vessel is like the proverbial "broadside of a barn" for a shot gun, the work that

the Bennington was steaming at ten knots' speed. Gunners H. Hansen and O. Wendell, of the cruiser San Francisco, have landed eleven shots on a 1,000 yards range while the San Francisco was running past at a twelve knots' speed. Hansen and Wendell worked 6-inch guns. The target used measured five feet high by six feet across the base. In all cases the targets employed were triangular in shape. They were left

free, floating in the water. The target is supported on empty casks. It has three faces, so that, in whatever direction it is viewed, a bullseye is showing.

Not Easy Targets to Hit.

With the slightest sort of sea running one of these targets bobs up and down. Not only has the gun captain to catch the target, as it were, while on the wing, but

5 SHOTS MADE BY GUNNER G. FREUDENDORF WITH A 5 INCH RAPID-FIRE GUN RANGE 1800 YDS.

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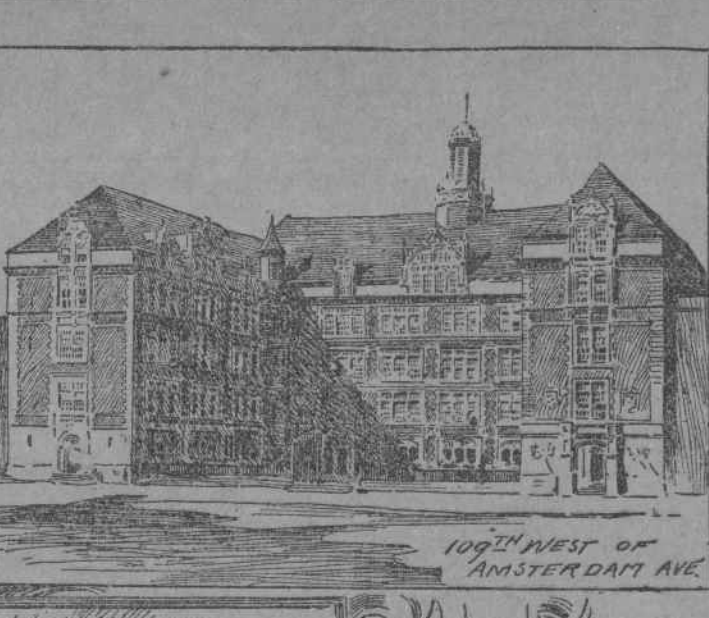
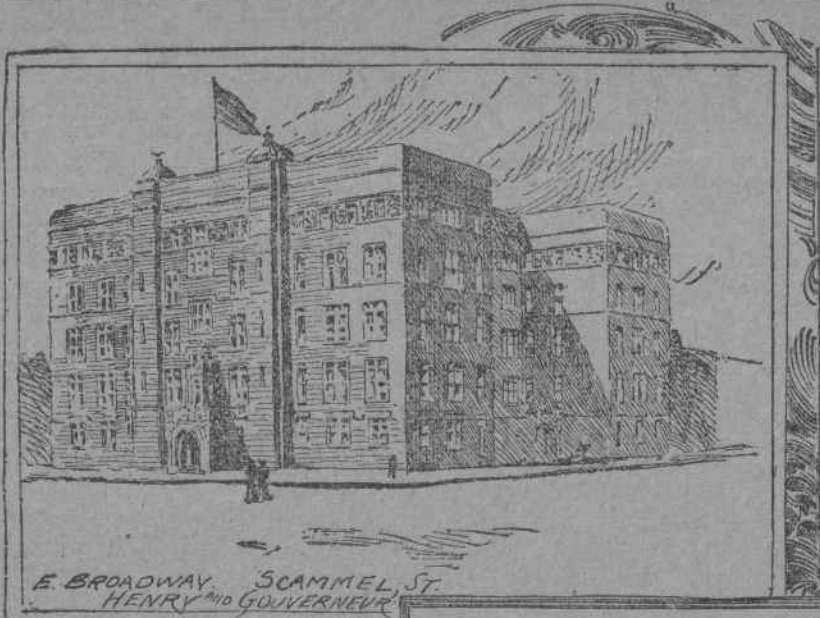
5 SHOTS MADE BY GUN CAPTAINS J. O'KEEFE AND H. HORN WITH 6 INCH RIFLES RANGE 2000 YDS.

he must compensate for the rolling motion of the vessel.

The 6-inch guns referred to above weigh five hundred pounds. The power of arm penetration is through twelve inches.

20 SHOTS MADE WITH HOTCHKISS GUNS BY GUNNERS F. J. SHIRM AND T. M. ROSS RANGE 1,000 YDS.

The circular shows that the best shot in the United States Navy is Gun Captain G. Freudendorf, of the cruiser Detroit. Using a 5-inch rapid fire gun, Freudendorf, in 15



Some Typical New Schools.

These three illustrations show the kind of school houses now being erected in the lower part of the city. They are only a fraction of the quantity so urgently needed. There are twenty-eight schools in one ward in this city, but there are 1,500 children in that ward who were refused admission when they applied this fall.

SCHOOLS TO COST NEARLY \$1,000,000 MORE NEXT YEAR.

The following is the estimate of its Financial Committee, adopted by the Board of Education, of the sums required for public instruction in 1898:

TITLES OF APPROPRIATIONS.	Estimate 1898.	Appropriation 1897.
PUBLIC INSTRUCTION.		
Salaries of teachers and of superintendents	\$1,564,155.00	\$1,564,760.50
Salaries of janitors in public schools	317,123.00	282,220.00
Salaries of teachers and janitors in evening schools	105,000.00	170,000.00
Salaries of employees of the Board of Education	67,884.00	67,703.00
Salaries of the Board of School Superintendents	72,000.00	72,000.00
Enforcement of the Act, Chapter 474, Laws of 1894, etc.	35,800.00	35,025.00
Support of Nautical School, wages, etc.	31,810.00	31,810.00
Supplies, books, maps, stationery, etc.	19,767.00	18,095.00
Rents of school premises, etc.	187,323.00	118,475.00
Fuel for schools and Board of Education	25,000.00	22,500.00
Gas and other methods of heating	1,000.00	1,000.00
Incidental expenses of evening schools	72,402.00	67,146.00
Incidental expenses of schools—repairs	67,800.00	50,000.00
Plumbing and repairs of	7,000.00	7,000.00
Electricity for heating	188,567.35	270,118.00
Furniture and repairs of	39,447.00	50,000.00
Heating and ventilating apparatus (changes)	44,423.33	38,560.50
Sanitary work, changes in regulations, etc.	119,008.33	123,000.00
Corporate schools, as per act of the Legislature	125,000.00	123,000.00
Lectures to workmen and workwomen—free	60,500.00	40,000.00
Transportation of pupils in the 2nd and 3rd wards	5,000.00	5,000.00
Libraries	12,338.00	10,438.00
Placing fire alarm and telegraph wires in the subways	5,000.00	24,200.00
Blindfold school census	5,000.00	5,000.00
	\$9,843,450.73	\$9,931,219.50

The End Is Drawing Near.

Our readers and friends have so quickly seized the wonderful opportunity presented to them by our Century Club that the sets of the Century Dictionary and Cyclopaedia allotted to us for distribution at introductory prices are fast vanishing. An opportunity such as this comes but once in a life-time. Those who wish to seize it should hesitate no longer, but should act at once.

We have saved our friends and readers through this club no less than \$55,000. Then, too, the privilege we secured for our club members, allowing them to pay in small monthly payments, if they desired, is another and equally great boon.

This took away the last barrier for those in moderate or cramped circumstances. Orders are coming in so fast during these past few days that the few remaining sets will soon be placed. "A word to the wise is sufficient." We must be impartial. Those who apply first will secure this bargain; those who hesitate will be too late.

The Century Dictionary and Cyclopaedia.



INQUIRY BLANK.

To The New York Press, Century Club Department, 33 Union Square, N. Y.

Please send me fuller particulars of your "Century Club" whose members secure The Century Dictionary and Cyclopaedia at the wholesale price and on small monthly payments.

NAME..... ADDRESS.....

[90]

If any reader of the New York Journal will cut out and mail us the inquiry blank here given, we will take pleasure in sending him or her full particulars of the club, as well as specimen pages of the work. But that reader must act immediately.

The Century Dictionary and Cyclopaedia is the largest, latest and most comprehensive work of reference ever published. It is just completed after 17 years of preparation. Over 500 editors, writers and other workers were engaged upon it, and its cost of production was over a million dollars.

It is the standard in the U. S. Supreme Court and all other Federal and State Courts, and of the various departments of the Government, and is of use and value to every one.

THE NEW YORK PRESS.

MODEL SCHOOLS TO BE ERECTED.

Buildings in 89th and 109th Streets Will Be Fine Structures.

COMPLETE IN DETAIL.

School No. 166 Will Relieve the Pressure in the 93d Street School.

Public School No. 166, to be erected on the south side of Eighty-ninth street, between Amsterdam and Columbus avenues, will, in a manner, relieve the pressure which now exists in the school building at Ninety-third street and Amsterdam avenue. The new school is to cost \$233,000.

The plot is 250 feet front by half the depth of the block. The building will be so situated as to leave about fifteen feet at either end and a large court yard at the rear. The structure will be five stories high, of fireproof steel skeleton construction. The exterior will be of granite, limestone, gray brick and terra cotta. The roof will be covered with glazed tiles.

The first story is divided into boys' and girls' play rooms, these are varnished with glass, brick, floor, with asphalt and fitted up with drinking fountains and lavatories. Provision is also made for a janitor's office and a medical inspector's room. The latter's room will have a tiled floor and lavatories and will be provided with lavatories and closets.

For entrance there will be two large gateways, and a large central opening communicating with the main stairway and both boys' and girls' play rooms. The second, third and fourth stories have been divided so as to provide for thirty-five classrooms and one kindergarten room. Particular attention has been given to the construction of the wardrobes, which are placed outside the classrooms so as to provide for proper ventilation.

The fifth story is designed to provide for manual and physical training, lecture and reading rooms. Ample provision is also made for sanitary arrangements for the children who may use the upper floors.

The building will be heated and ventilated by means of the plenum system, which provides in each class of fresh warm air per minute, removing the foul and vitiated air as well. Each wardrobe has a coil of steam pipes, which is used not only to accelerate the drying of the clothing when damp.

New Public School No. 166 is to be erected on the south side of One Hundred and Ninth street, running through to One Hundred and Eighth street, 300 feet west of Amsterdam avenue. This school will have the great overcropping in Public School No. 54, at One Hundred and Fourth street and Amsterdam avenue. It will cost \$233,000.

The plot is two hundred feet front and covers an area of about sixteen city lots. The building is planned according to the "Letter H" system, bringing the assembly room, which is really the main part of the building, in the center of the block, with wings built on the party lines and extending from the main building to the street lines. Large open courts are thus afforded upon either front of the building for play and recreation, every square foot of which is available. This is not the case in older buildings, in many of which the play space is really in the building.

The building of the wings upon the party lines and apartments who have used a want ad. in the Sunday Journal. Lots of tenants—that's why.

lines with blank walls prevents the possibility of the occupants of the school building being annoyed by any nuisance which may be maintained upon adjoining property, such as stables, factories and tenements. Light and air for all the classrooms are obtained from the streets and the large courts of the school. An additional advantage of this plan is that there are but two class rooms on each floor facing the street. The annoyance arising from traffic and other street noises are thus reduced to a minimum. The classrooms are protected by having windows opening upon a large court.

The structure will be five stories high, fireproof and built upon steel skeleton. The materials will be granite, limestone, gray brick and gray terra cotta, with a red tile roof. The style of the building might be described as modern French Gothic. The finished drawings show a material modification of the tower, which has been brought more within the style of the balance of the building.

The first story is divided into boys' and girls' play rooms, these are varnished with glass, brick, floor, with asphalt and fitted up with drinking fountains and lavatories. In addition there are two large rooms opening upon the court, set aside for the use of kindergarten children.

The main entrance has a tiled floor. An office for the janitor is upon the left, and adjoining is a room for the medical inspector.

The second, third and fourth stories when complete will provide for fifty-nine classrooms. All wardrobes are placed outside the classrooms.

The fifth story is designed to provide for manual and physical training, lecture and reading rooms. Ample provision is also made for sanitary arrangements for the children who may use the upper floors.

Thousands of children wanted to attend school last week, but there were no places for them. The situation was not a pleasant one for the School Commissioners. They made efforts to find places for the children, but the opening of the schools, but unfortunately two buildings in the most congested district were unavailable.

In the Brooklyn district, the pupils have already been registered and been given cards, so they can begin work at once. In the heavy street building there will be a little delay for registration. The opening of these schools will be welcome to children on the lower East Side.

To secure admission to get admission to the buildings, one would think that food and clothing was being given out by some philanthropist. It is hardly possible that such a wild scramble was being made merely for a chance to study several hours a day.

The tenement children, however, ambitious. They realize that they can make no headway in this country unless they have an education. They have an intention of spending their lives in sweat shops, as do their fathers and mothers, and they fairly beg for a chance to study.

It was amusing to hear some of the tenement matrons giving their views on the way the public schools are managed. They loudly asserted the right of every child to an education, and were willing to fight for the privilege if necessary. As a rule, however, they were patient and quiet.

While another equally meritorious might and his grade overcrowded. The East Houston street building is only partly completed. It is not yet ready to be used. It is just in front of the building one day last week, and this will delay matters indefinitely. This is one of the buildings much needed on account of the dense population in that district.

It is not generally understood what an amount of building is going on to provide school accommodations. Superintendent of Construction Snyder says: "When the additions are completed to our buildings in the tenement districts they will simply be enormous. In any place except New York City it would be deemed impossible to fill such a building, but we have such a large population that it is a task to seat all our children."

The School Commissioners are able, although so many children are idle, the school buildings are in better shape this year than ever before.

A Journal want ad. will place you in place.

Corner 17th Street. **APPARENT!** East Side Sixth Ave. No telescope is necessary in order to note the superior quality of our goods. Neither is a magnifying glass essential when comparing others' prices with ours. The excellence of our stock is evident to all good judges of housefurnishings—everywhere. The low figures on our specials are more than A TRIFLE lower than those of competitors. A glance will satisfy your curiosity. Below is a bird's-eye view of what you will see! Further remarks are unnecessary!

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Jacquard Axminster Rugs, 9x12, \$27.50.
 Jacquard Axminster Rugs, 8.5x10.6, \$22.50.
 All-Wool Smyrna Rugs, 9x12, \$22.75.
 All-Wool Smyrna Rugs, 7.6x10, \$16.75.
 Japanese Rugs, 9x12, \$7.98.
 Japanese Rugs, 7.5x10.6, \$5.98.
 Best Axminster Carpets, made, laid and lined, per yard, 98c.
 Best Tapestry Brussels Carpets, made, laid and lined, per yard, 79c.
 Best All-Wool Ingrain Carpets, made, laid and lined, per yard, 63c.

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Double thread Scotch Lace Curtains, in Irish Point, Brussels and Renaissance effects.

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Pair.	Reg. Value.
75c.	\$1.25
98c.	\$1.50
\$1.25	\$1.98
\$1.49	\$2.25
\$1.98	\$2.75
\$2.49	\$3.50

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 OAK CHINA CLOSET. Mirror back and top \$14.00

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At lowest possible prices.

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Eight-day cathedral gong, iron case, assorted colors; Scotch granite, marble, black, &c., worth \$10, about fifty left, at \$3.98.
 China clocks, assorted patterns and shapes, with Ansonia movements, worth from \$2 to \$4, at \$1.48.

8-INCH JARDINIERS.

Blue, bronze and yellow, worth \$1.49.
 China, worth \$1.49.
 Strong and serviceable; worth \$1.49 now.

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